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Informe bibliomètric bimestral.

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Base de dades Scopus. Març-abril 2018¹

EETAC

- Alvaredo, P., [Bruna, P.](#), [Crespo, D.](#), & Gordo, E. (2018). Influence of carbon content on microstructure and properties of a steel matrix cermet. *International Journal of Refractory Metals and Hard Materials*, 75, 78-84. doi:[10.1016/j.ijrmhm.2018.04.006](#)
- [Arias, S.](#), & [Montlaur, A.](#) (2018). Influence of contact angle boundary condition on CFD simulation of T-junction. *Microgravity Science and Technology*, 1-9. doi:[10.1007/s12217-018-9605-x](#)
- [Ball, S.](#) (2018). Extending small arcs to large arcs. *European Journal of Mathematics*, 4(1), 8-25. doi:[10.1007/s40879-017-0193-x](#)
- Monge-Villora, O., Dominguez-Pumar, M., & [Olm, J. M.](#) (2018). Analysis of the dynamics of an active control of the surface potential in metal oxide gas sensors. *Computers and Chemical Engineering*, 113, 1-10. doi:[10.1016/j.compchemeng.2018.02.021](#)
- Moysen, J., [García-Lozano, M.](#), [Ruíz, S.](#), & Giupponi, L. (2018). Conflict resolution in mobile networks: A self-coordination framework based on non-dominated solutions and machine learning for data analytics [application notes]. *IEEE Computational Intelligence Magazine*, 13(2), 52-64. doi:[10.1109/MCI.2018.2807038](#)
- Ochoa-Aday, L., [Cervello-Pastor, C.](#), & Fernandez-Fernandez, A. (2018). Self-healing topology discovery protocol for software defined networks. *IEEE Communications Letters*, doi:[10.1109/LCOMM.2018.2816921](#)

¹ Articles obtinguts a la base de dades Scopus. Data de la cerca 02/05/2018

Pastor, E., Pérez-Batlle, M., Barrado, C., Royo, P., & Cuadrado, R. (2018). A

macroscopic performance analysis of NASA's northrop grumman RQ-

4A. *Aerospace*, 5(1) doi:[10.3390/aerospace5010006](https://doi.org/10.3390/aerospace5010006)



Perez-Diaz-De-Cerio, D., Hernández-Solana, Á., Valdovinos, A., & **Valenzuela, J. L.**

(2018). A low-cost tracking system for running race applications based on bluetooth low energy technology. *Sensors (Switzerland)*, 18(3) doi:[10.3390/s18030922](https://doi.org/10.3390/s18030922)



ESAB

Aljoumani, B., Sánchez-Espigares, J. A., **Cañameras, N.**, Wessolek, G., & **Josa, R.** (2018).

Transfer function and time series outlier analysis: Modelling soil salinity in loamy sand soil by including the influences of irrigation management and soil temperature. *Irrigation and Drainage*, 67(2), 282-294. doi:[10.1002/ird.2187](https://doi.org/10.1002/ird.2187)

Aparicio, J., Candela, L., & **Alfranca, O.** (2018). Social and private costs of water for irrigation: The small desalination plant in san vicente del raspeig, spain. *Desalination*, 439, 102-107. doi:[10.1016/j.desal.2018.03.013](https://doi.org/10.1016/j.desal.2018.03.013)

Di Febo, R., Molera, J., **Pradell, T.**, Melgarejo, J. C., Madrenas, J., & Vallcorba, O. (2018).

The production of a lead glaze with galena: Thermal transformations in the PbS-SiO₂ system. *Journal of the American Ceramic Society*, 101(5), 2119-2129. doi:[10.1111/jace.15346](https://doi.org/10.1111/jace.15346)



Lafarga, T., Viñas, I., Bobo, G., **Simó, J.**, & Aguiló-Aguayo, I. (2018). Effect of steaming and sous vide processing on the total phenolic content, vitamin C and antioxidant potential of the genus brassica. *Innovative Food Science and Emerging Technologies*, 47, 412-420. doi:[10.1016/j.ifset.2018.04.008](https://doi.org/10.1016/j.ifset.2018.04.008)

Lüttich, M., Giordano, V. M., Le Floch, S., **Pineda, E.**, Zontone, F., Luo, Y., Samwer, K., Ruta, B. (2018). Anti-aging in ultrastable metallic glasses. *Physical Review Letters*, 120(13) doi:[10.1103/PhysRevLett.120.135504](https://doi.org/10.1103/PhysRevLett.120.135504)

- Mas, M. T., & Verdú, A. M. C.** (2018). Soil spatial distribution in a smut fungus-annual grass interaction: Exploring patterns to understand disease dynamics at plot scale. *Fungal Ecology*, 33, 40-51. doi:[10.1016/j.funeco.2018.01.003](https://doi.org/10.1016/j.funeco.2018.01.003)
- Pradell, T.**, Fernandes, R., Molina, G., Smith, A. D., Molera, J., Climent-Font, A., & Tite, M. S. (2018). Technology of production of syrian lustre (11th to 13th century). *Journal of the European Ceramic Society*, 38(7), 2716-2727.
doi:[10.1016/j.jeurceramsoc.2018.01.046](https://doi.org/10.1016/j.jeurceramsoc.2018.01.046)
- Salinas, E., & Pradell, T.** (2018). The transition from lead transparent to tin-opacified glaze productions in the western islamic lands: Al-andalus, c. 875–929 CE. *Journal of Archaeological Science*, 94, 1-11. doi:[10.1016/j.jas.2018.03.010](https://doi.org/10.1016/j.jas.2018.03.010)
- Sanjurjo, L., Aran, G., Téllez, É., Amézaga, N., Armengol, C., **López, D., Prats, C.**, Sarrias, M. (2018). CD5L promotes M2 macrophage polarization through autophagy-mediated upregulation of ID3. *Frontiers in Immunology*, 9(MAR) doi:[10.3389/fimmu.2018.00480](https://doi.org/10.3389/fimmu.2018.00480)
- Zambrano, A., Ruiz, Y., **Hernández, E., Raventós, M.**, & Moreno, F. L. (2018). Freeze desalination by the integration of falling film and block freeze-concentration techniques. *Desalination*, 436, 56-62. doi:[10.1016/j.desal.2018.02.015](https://doi.org/10.1016/j.desal.2018.02.015)